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PATENT & TRADEMARK OFFICE
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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 19, 2004
Date

Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	: 10/685,997	Confirmation No.	: 4887
Applicant	: Leel S. Janzen		
Filed	: October 14, 2003	Attorney Docket No.	: 501037.05 (30058/US/4)
Art Unit	: 2186	Customer No.	: 27,076
Examiner	: Not Yet Assigned		
Title	: METHOD AND CIRCUIT FOR ADJUSTING A SELF-REFRESH RATE TO MAINTAIN DYNAMIC DATA AT LOW SUPPLY VOLTAGES		

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

05/25/2004 EEKUBAY1 00000011 10685997

01 FC:1202 126.00 OP
02 FC:1201 172.00 OP

FEE TRANSMITTAL SHEET (FOR FY 2004)

MAY 24 2004 PATENT & TRADEMARK OFFICE

Complete if Known	
Application No.	10/685,997
Filing Date	October 14, 2003
First Named Inventor	Leel S. Janzen
Group Art Unit	2186
Examiner	Not Yet Assigned
Atty. Docket Number	501037.05 (30058/US/4)

METHOD OF PAYMENT (Check One)

1. [X] The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. [X] Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1001	770	2001	385	[] Utility Filing Fee
1002	340	2002	170	[] Design Filing Fee
1003	530	2003	265	[] Plant Filing Fee
1004	770	2004	385	[] Reissue Filing Fee
1005	160	2005	80	[] Provisional Filing Fee

Subtotal (1) $ 0

2. EXTRA CLAIM FEES

	Current Claims		Prior		Extra		Fee		Fee Paid
Total	27	-	20	=	7	x	$ 18	=	$ 126
Ind.	5	-	3	=	2	x	$ 86	=	$ 172
Multiple Dependent Claims						x	$	=	$

Subtotal (2) $ 298

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent Claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	$
1053	130	1053	130	Non-English specification	$
1812	2,520	1812	2,520	For Filing a Request for *ex parte* Reexamination	$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	$
1251	110	2251	55	Extension for reply within first month	$
1252	420	2252	210	Extension for reply within 2nd month	$
1253	950	2253	475	Extension for reply within 3rd month	$
1254	1,480	2254	740	Extension for reply within 4th month	$
1255	2,010	2255	1,005	Extension for reply within 5th month	$
1401	330	2401	165	Notice of Appeal	$
1402	330	2402	165	Filing a brief in support of an appeal	$
1403	290	2403	145	Request for oral hearing	$
1814	110	2814	55	Terminal Disclaimer Fee	$
1452	110	2452	55	Petition to revive – unavoidable	$
1453	1,330	2453	665	Petition to revive – unintentional	$
1501	1,330	2501	665	Utility/Reissue issue fee	$
1502	480	2502	240	Design issue fee	$
1503	640	2503	320	Plant issue fee	$
1460	130	1460	130	Petitions to the Commissioner	$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	$
1806	180	1806	180	Submission of IDS	$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	$
1801	770	2801	385	Request for Continued Examination (RCE)	$
Other fee (specify)					$

Subtotal (3) $ 0

Total Amount of Payment: $ 298

Submitted by:

Name: Kimton N. Eng	Reg. No.: 43,605	Telephone: (206) 903-8800
Signature: Kimton Eng		Date: May 19, 2004

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